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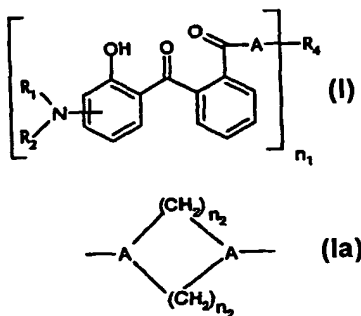
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- (71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): HAASE, Jürg [CH/CH]; Habermarkweg 45, CH-4126 Bettingen (CH). EHLIS, Thomas [DE/DE]; Harriet-Straub-Strasse 23, 79100 Freiburg (DE). BORSOS, Elek [CH/CH]; Muttenzerstrasse 137, CH-4127 Birsfelden (CH). MÜLLER, Stefan [DE/DE]; Barrystrasse 1, 79618 Rheinfelden (DE).
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(54) Title: AMINO SUBSTITUTED HYDROXYPHENYL BENZOPHENONE DERIVATIVES



(57) Abstract: Described are amino substituted hydroxyphenyl benzophenone derivatives of formula (I), wherein  $R_1$  and  $R_2$  independently from each other are:  $C_1$ - $C_{20}$ alkyl;  $C_2$ - $C_{20}$ alkenyl;  $C_3$ - $C_{10}$ cycloalkyl;  $C_3$ - $C_{10}$ cycloalkenyl; or  $R_1$  and  $R_2$  together with the linking nitrogen atom form a 5- or 6-membered heterocyclic ring;  $n_1$  is a number from 1 to 4; when  $n_1=1$ ,  $R_3$  is a saturated or unsaturated heterocyclic radical; hydroxy- $C_1$ - $C_5$ alkyl; cyclohexyl optionally substituted with one or more  $C_1$ - $C_5$ alkyl; phenyl optionally substituted with a heterocyclic radical, aminocarbonyl or  $C_1$ - $C_5$ alkylcarboxy; wenn  $n_1$  is 2,  $R_3$  is an alkylene-, cycloalkylene- or alkenylene radical which is optionally substituted by a carbonyl- or carboxy group; or  $R_3$  together with A forms a bivalent radical of the formula (Ia), wherein  $n_2$  is a number from 1 to 3; when  $n_1$  is 3,  $R_3$  is an alkanetriyl radical; wenn  $n_1$  is 4,  $R_3$  is an alkanetetrayl radical; A is -O-; or -N( $R_5$ )-; and  $R_5$  is hydrogen;  $C_1$ - $C_5$ alkyl; or hydroxy- $C_1$ - $C_5$ alkyl. The compounds are useful as UV filters in sunscreen applications.

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